

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for joining a fluid container and a fluid ejector, comprising:

arranging a fluid container including at least one heat stake, a fluid ejector and a substrate in order, the substrate including a first surface, at least one aperture having an opening in the first surface, and at least a groove-one three-dimensional structure disposed in the vicinity of the at least one aperture, the at least one three-dimensional structure surrounding the opening and including a second surface substantially orthogonal to the first surface at a boundary where the second surface meets the first surface;

applying pressure to the arranged fluid container, fluid ejector and substrate to bring the arranged fluid container, fluid ejector and substrate into respective contact and to cause the at least one heat stake to be inserted into the at least one aperture; and

applying thermal energy from an external heat source to the at least one heat stake so that the at least one heat stake deforms to at least partially fill the at least one aperture and the at least a groove.

2. (Original) The method of claim 1, wherein the fluid container is an ink manifold.

3. (Original) The method of claim 1, wherein the fluid ejector is a die module.

4. (Original) The method of claim 1, wherein the substrate is a heat sink.

5. (Original) The method of claim 1, wherein the fluid container includes two heat stakes and the substrate includes two apertures.

6. (Currently Amended) The method of claim 1, wherein at least one of the at least ~~a groove~~one three-dimensional structure is a circular groove surrounding the at least one aperture.

7. (Withdrawn-Currently Amended) The method of claim 1, wherein at least one of the at least ~~a groove~~one three-dimensional structure is a circular well surrounding the at least one aperture.

8. (Withdrawn-Currently Amended) The method of claim 1, wherein at least one of the at least one three-dimensional structure ~~a groove~~ is a non-circular groove surrounding the at least one aperture.

9. (Withdrawn-Currently Amended) The method of claim 1, wherein at least one of the at least one three-dimensional structure ~~a groove~~ is a non-circular well surrounding the at least one aperture.

10. (Original) The method of claim 1, wherein an elastic member is interposed between the fluid container and the fluid ejector.

11. (Original) The method of claim 10, wherein the elastic member is a compression seal.

12. (Withdrawn) An inkjet cartridge comprising an ink container and a fluid ejector joined by the method of claim 1.

13. (Withdrawn) A printing device comprising the inkjet cartridge of claim 12.

14. (Currently Amended) A method for joining two dissimilar materials for precision alignment using a heat staking control feature, comprising:

placing a first object adjacent to a second object, the first object including at least one heat stake and the second object including a surface, at least one aperture ~~aperture~~, and at least one three-dimensional structure ~~a groove~~ disposed in the vicinity of the at least

one aperture, the three-dimensional structure having a wall that is substantially orthogonal to the surface;

applying pressure to bring the first object and the second object into proximity and to cause the at least one heat stake to be inserted into the at least one aperture; and

applying thermal energy from an external heat source to the at least one heat stake so that the at least one heat stake deforms to at least partially fill the at least one aperture and the at least one groove.

15-21 (Cancelled)

22. (New) A method for joining a fluid container and a fluid ejector, comprising:
arranging a fluid container including at least one heat stake, a fluid ejector and a substrate in order, the substrate including at least one aperture and at least one three-dimensional structure disposed in the vicinity of the at least one aperture, the at least one three-dimensional structure being a groove that is a recess about the at least one aperture;

applying pressure to the arranged fluid container, fluid ejector and substrate to bring the arranged fluid container, fluid ejector and substrate into respective contact and to cause the at least one heat stake to be inserted into the at least one aperture; and

applying thermal energy from an external heat source to the at least one heat stake so that the at least one heat stake deforms to at least partially fill the at least one aperture and the groove.

23. (New) The method of claim 22, wherein the fluid container is an ink manifold.

24. (New) The method of claim 22, wherein the fluid ejector is a die module.

25. (New) The method of claim 22, wherein the substrate is a heat sink.

26. (New) The method of claim 22, wherein the fluid container includes two heat stakes and the substrate includes two apertures.

27. (New) The method of claim 22, wherein at least one of the at least one three-dimensional structure is a circular groove surrounding the at least one aperture.

28. (New) The method of claim 22, wherein an elastic member is interposed between the fluid container and the fluid ejector.